

Storm Data and Unusual Weather Phenomena - November 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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INDIANA, Northeast

(IN-Z003) LA PORTE

11/13/14 06:00 CST	0	Winter Weather
11/14/14 10:00 CST	0	

(IN-Z004) ST. JOSEPH

11/13/14 06:00 EST	0	Lake-Effect Snow
11/14/14 10:00 EST	0	

An early season lake effect snow event brought accumulations and hazardous travel to far northern Indiana November 13th into early November 14th. The heaviest snow accumulations were in the South Bend area where more than a foot of snow fell.

(IN-Z004) ST. JOSEPH

11/17/14 19:00 EST	0	Lake-Effect Snow
11/18/14 11:00 EST	0	

Persistent lake effect snow bands produced accumulating snow, blowing snow, and hazardous travel conditions late November 17th and November 18th along the Indiana Toll in far northern St. Joseph County. Total snow accumulations generally ranged between 3 and 8 inches.

(IN-Z007) STEUBEN, (IN-Z008) NOBLE, (IN-Z009) DE KALB, (IN-Z016) KOSCIUSKO, (IN-Z017) WHITLEY, (IN-Z018) ALLEN, (IN-Z022) CASS, (IN-Z023) MIAMI, (IN-Z024) WABASH, (IN-Z025) HUNTINGTON, (IN-Z032) GRANT

11/24/14 10:13 EST	0	High Wind (MAX 50 kt)
11/24/14 19:00 EST	0	

ALLEN COUNTY --- 2.5 N WESTLAWN [41.12, -85.25], 0.7 N WESTLAWN [41.09, -85.25], 0.6 S ARCOLA [41.09, -85.30], 1.2 NNE ARCOLA [41.12, -85.29]

11/24/14 11:38 EST	0	Flood (due to Heavy Rain)
11/24/14 14:00 EST	0	Source: Emergency Manager

High water in the area of Seegar Ditch caused temporary road closures.

Strong winds of 45 to 60 knots in the 900 to 850 mb layer were mixed to the surface courtesy of a intense mesoscale wave. Steep lapse rates exceeding 9.5 c.km aided in the transport of the winds to the surface. The strongest winds were seen generally east of State Route 15 where sustained winds of 35 to 40 mph persisted for several hours with gusts in the 45 to nearly 60 mph range at times. West of 15, winds were slightly lower, sustained in the 30 to 35 mph range with gusts to 45 mph.

LAKE MICHIGAN

MICHIGAN CITY IN TO NEW BUFFALO MI COUNTY --- MICHIGAN CITY C-MAN STATION (MCY13) [41.73, -86.91]

11/24/14 17:05 EST	0	Marine High Wind (MG 48 kt)
11/24/14 17:06 EST	0	Source: C-MAN Station

A 55 mph wind gust was recorded at the Michigan City marine station.

Strong winds of 45 to 60 knots in the 900 to 850 mb layer were mixed to the surface courtesy of a intense mesoscale wave. Steep lapse rates exceeding 9.5 c.km aided in the transport of the winds to the surface. Wind gusts in excess of 50 mph were recorded at several marine sites.

MICHIGAN, Extreme Southwest

(MI-Z077) BERRIEN, (MI-Z078) CASS, (MI-Z079) ST. JOSEPH

11/17/14 16:00 EST	0	Lake-Effect Snow
11/18/14 15:00 EST	0	

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Persistent lake effect snow bands produced accumulating snow, blowing snow, and hazardous travel conditions late November 17th and November 18th. Total snow accumulations generally ranged between 3 and 8 inches, with localized amounts in excess of a foot.

(MI-Z079) ST. JOSEPH, (MI-Z081) HILLSDALE

11/24/14 11:13 EST	0	High Wind (MAX 50 kt)
11/24/14 19:00 EST	0	

Strong winds of 45 to 60 knots in the 900 to 850 mb layer were mixed to the surface courtesy of a intense mesoscale wave. Steep lapse rates exceeding 9.5 C/KM aided in the transport of the winds to the surface. The strongest winds were seen generally east of I-69 where sustained winds of 35 to 40 mph persisted for several hours with gusts in the 45 to nearly 60 mph range at times. West of the interstate, winds were slightly lower, sustained in the 30 to 35 mph range with gusts to 45 mph.

OHIO, Northwest

(OH-Z001) WILLIAMS, (OH-Z002) FULTON, (OH-Z004) DEFIANCE, (OH-Z005) HENRY, (OH-Z015) PAULDING, (OH-Z016) PUTNAM, (OH-Z024) VAN WERT, (OH-Z025) ALLEN

11/24/14 12:25 EST	0	High Wind (MAX 50 kt)
11/24/14 19:00 EST	0	

Strong winds of 45 to 60 knots in the 900 to 850 mb layer were mixed to the surface courtesy of a intense mesoscale wave. Steep lapse rates exceeding 9.5 c.km aided in the transport of the winds to the surface. Sustained winds of 35 to 40 mph persisted for several hours with gusts in the 45 to nearly 60 mph range at times.